



Patent  
Attorney's Docket No. 040020-287

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of )  
Karl-Gösta E. SAHLMAN ) Group Art Unit: 2631  
Application No. 09/941,364 ) Examiner: Unassigned  
Filed: August 28, 2001 )  
For: Method and Apparatus for Plurality )  
Signal Generation )

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**INFORMATION DISCLOSURE STATEMENT**

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

In accordance with the duty of disclosure as set forth in 37 C.F.R. § 1.56,  
Applicant hereby submits the following information in conformance with 37 C.F.R.  
§§ 1.97 and 1.98. Pursuant to 37 C.F.R. § 1.98, a copy of each of the documents cited  
is enclosed.

The documents are being submitted within 3 months of the filing or entry of the  
national stage of this application or before the first Office Action on the merits, whichever  
is later, therefore no fee or certification is required under 37 C.F.R. § 1.97(b).

To assist the Examiner, the documents are listed on the attached form PTO-  
1449. It is respectfully requested that an Examiner initialed copy of this form be  
returned to the undersigned.

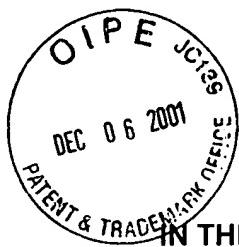
Respectfully submitted,

BURNS, DOANE, SWECKER & MATHIS, L.L.P.

By:   
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Date: December 6, 2001



#4

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**INFORMATION DISCLOSURE STATEMENT  
TRANSMITTAL LETTER**

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

Enclosed is an Information Disclosure Statement and accompanying form PTO-1449 for the above-identified patent application.

No additional fee for submission of an IDS is required.

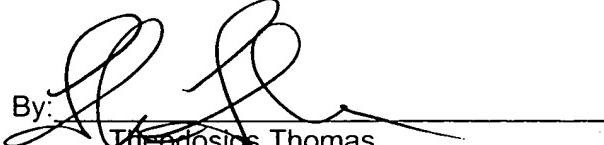
The Commissioner is hereby authorized to charge any appropriate fees under 37 C.F.R. §§ 1.16, 1.17 and 1.21 that may be required by this paper, and to credit any overpayment, to Deposit Account No. 02-4800. This paper is submitted in duplicate.

Respectfully submitted,

BURNS, DOANE, SWECKER & MATHIS, L.L.P.

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Substitute for form 1449A/PTO

ATTORNEY'S DKT NO.  
040020-287APPLICATION NO.  
09/941,364INFORMATION DISCLOSURE  
STATEMENT BY APPLICANTAPPLICANT  
Karl-Gösta E. SAHLMANFILING DATE  
August 28, 2001 GROUP  
2631

DEC 06 2001

PATENT & TRADEMARK OFFICE  
U.S. GOVERNMENT

## U.S. PATENT DOCUMENTS

Examiner Initials	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication (MM-DD-YYYY)
	Number	Kind Code (if known)		
	1,686,792		Black	09/09/1928
	4,291,277		Davis et al.	09/22/1981
	4,580,105		Myer	04/01/1986
	5,049,832		Cavers	09/17/1991
	5,732,333		Cox et al.	03/24/1998
	5,862,459		Charas	01/19/1999
	5,867,065		Leyendecker	02/02/1999
	5,892,397		Belcher et al.	04/06/1999
	5,898,338		Proctor et al.	04/27/1999
	5,923,712		Leyendecker et al.	07/13/1999
	5,949,283		Proctor et al	09/07/1999
	5,959,500		Garrido	09/28/1999
	6,029,285		Belcher et al.	02/29/2000
	6,061,568		Dent	05/09/2000
	6,075,411		Briffa et al.	06/13/2000
	6,163,213		Vaktnäs	12/19/2000

## FOREIGN PATENT DOCUMENTS

Examiner Initials	Foreign Patent Document		Country	Date of Publication (MM-DD-YYYY)	Translation	
	Number	Kind Code (if known)			Yes	No
	94/17587	A1	WO	08/04/1994	X	
	99/23756	A1	WO	05/14/1999	X	
	99/45638	A1	WO	09/10/1999	X	
	99/45640	A1	WO	09/10/1999	X	

## NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Include name of author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.		
	Carver, James "Amplifier Linearization Using Digital Predistorter with Fast Adaption and Low Memory Requirements", IEEE Trans. on Vehicular Technology vol. 39, no. 4 (Nov. 1990)		
	Wright, Andrew S. and Durtler, Willem, "Experimental Performance of an Adaptive Digital Linearized Power Amplifier", IEEE Trans. on Vehicular Technology vol. 41, no. 4 (Nov. 1992)		
Examiner Signature	Date Considered		

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. SEND TO: Assistant Commissioner for Patents, Washington, D.C. 20231.